

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete If Known	
			Application Number	
			Filing Date	HEREWITH
			First Named Inventor	Berson, Thomas A.
			Art Unit	
Examiner Name				
Sheet 1	of 3	Attorney Docket Number	009103-016030US	

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MLK	0001	6,308,089 B1	10/2001	von der Ruhr et al.	
MLK	0002	6,307,938 B1	10/2001	Matyas, Jr. et al.	
MLK	0003	6,298,255 B1	10/2001	Cordero et al.	
MLK	0004	6,266,551 B1	07/2001	Osadchy et al.	
MLK	0005	6,170,058 B1	01/2001	Kausik	
MLK	0006	6,126,613 A	10/2000	Edwards et al.	
MLK	0007	5,987,343 A	11/1999	Kinast	
MLK	0008	5,995,855	11/1999	Kiani et al.	
MLK	0009	5,867,577	02/02/1999	Patarin	
MLK	0010	5,860,099	01/12/1999	Milios et al.	
MLK	0011	5,850,443	12/15/1998	Van Oorschot et al.	
MLK	0012	5,842,977 A	12/1998	Lesho et al.	
MLK	0013	5,817,009 A	10/1998	Rosenheimer et al.	
MLK	0014	5,790,675	08/04/1998	Patarin	
MLK	0015	5,787,178	07/28/1998	Schwenk	
MLK	0016	5,779,630	07/14/1998	Fein et al.	
MLK	0017	5,761,305	06/02/1998	Vanstone et al.	
MLK	0018	5,748,735	05/05/1998	Ganesan	
MLK	0019	5,737,419	04/07/1998	Ganesan	
MLK	0020	5,713,668	02/03/1998	Lunghofer et al.	
MLK	0021	5,710,817	01/20/1998	Sjööquist	
MLK	0022	5,768,389	06/16/1998	Ishii	
MLK	0023	5,720,293	02/24/1998	Quinn et al.	
MLK	0024	5,660,567	08/1997	Nierlich et al.	
MLK	0025	5,646,997	07/08/1997	Barton	
MLK	0026	5,646,994	07/08/1997	Hill	
MLK	0027	5,638,447	06/10/1997	Micali	
MLK	0028	5,572,590	11/05/1996	Chess	
MLK	0029	5,485,847	01/23/1996	Baker, Jr.	
MLK	0030	5,208,858	05/04/1993	Vollert et al.	
MLK	0031	5,023,923	06/11/1991	Sanner et al.	
MLK	0032	4,942,877	07/24/1990	Sakai et al.	
MLK	0033	4,816,824	03/28/1989	Katz et al.	

Examiner Signature	<i>Matthew Thorne</i>	Date Considered	1/28/2005
--------------------	-----------------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
		Filing Date	HEREWITH
		First Name and Inventor	Benson, Thomas A.
		Art Unit	
		Examiner Name	
Sheet 2 of 3	Attorney Docket Number	009103-016030US	

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>MLK</i>	0034	4,700,708	Oct 20, 1987	William New, Jr. et al	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
<i>MLK</i>	0035	Europe	EP 0 949 506	A2	10/13/1999	Bayer Corporation		<input type="checkbox"/>
<i>MLK</i>	0036	PCT	WO 97/29678		08/1997	Osadchy et al.		<input type="checkbox"/>

Examiner Signature	<i>Matthew Kren</i>	Date Considered	1/28/2005
--------------------	---------------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	B rs n, Th mas A.
		Art Unit	
		Examiner Name	
Sheet 3 of 3	Attorney Docket Number	009103-016030US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MG	0037	"Digital Certificates", Warwick Ford, Scientific American, October 1998, pp. 108.	
MG	0038	"Cryptography for the Internet", Philip R. Zimmermann, Scientific American, October 1998, pp. 111-115.	
MG	0039	"The Case against Regulating Encryption Technology", Ronald L. Rivest, Scientific American, October 1998, pp. 116-117.	
MG	0040	"Handbook of Applied Cryptography", Alfred J. Menezes et al., Library of Congress, CRC Press 1997, pp. 438-444.	
MG	0041	"Information technology - Security techniques - Digital signature schemes giving message recovery", International Standard, ISO/IEC 9796-2: 1997(E).	
MG	0042	Chapter 8 - Public-Key Encryption	

Examiner Signature		Date Considered	1/28/2005
-----------------------	--	--------------------	-----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.